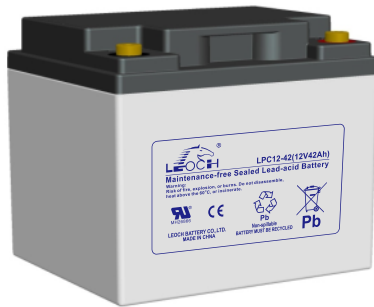


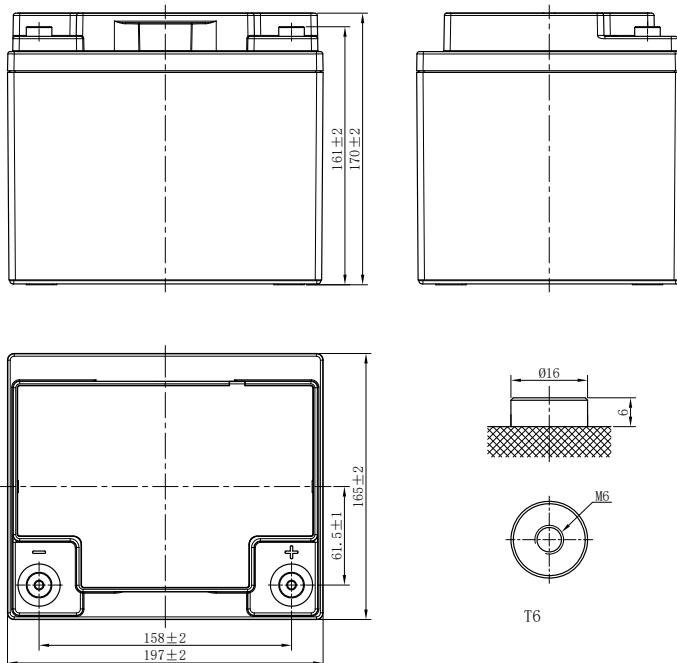
LPC SERIES-CYCLE APPLICATION

LPC12-42 (12V42Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	197mm (7.76inches)
	Width	165mm (6.50inches)
	Container Height	170mm (6.69inches)
	Total Height	170mm (6.69inches)
Approx Weight	14.6kg (32.2lbs)	
Terminal	T6(M6)	
Container Material	ABS	
Short-circuit current	1050A	
Internal Resistance (25°C)	≤ 9 mΩ	
Self Discharge	≤3% per month at 25°C (77°F)	
Capacity	20HR	46Ah
	10HR	42Ah
	5HR	36.8Ah
Operating Temp.Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-20~50°C (-4~122°F)



APPLICATIONS

- Electric tool
- Mobility Scooter
- Golf trolley
- Portable lights and instrument
- Electric toy
- Portable power
- Electric wheelchair

STANDARDS

- ACC. to BCI standards
- Manufactured in Leoch® IATF16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities

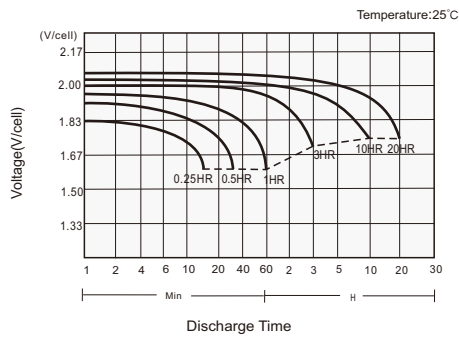
LPC SERIES-CYCLE APPLICATION

LPC12-42 (12V42Ah)

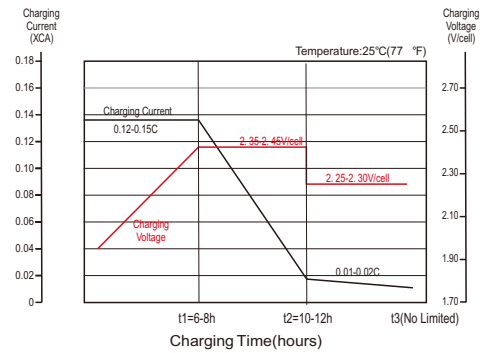
GENERAL FEATURES

- Good cyclic property: Enhanced overcharge endurance and overdischarge recovery property
- Using oxygen recombination technology: maintenance-free
- Lower acid density, excess of electrolyte and larger distance between plates to keep battery at low temperature and slow down plate grid corrosion speed
- Unique plate group configuration, high quality AGM separator and battery management system ensure battery with a longer service life

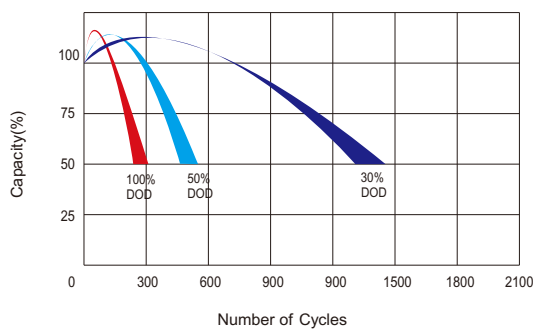
Discharge Characteristics



Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics

